Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method for modifying a stream of multimedia content to implement trick mode playback on a playback device, the method comprising:

setting a discontinuity indicator in an adaptation field associated with a video frame to disable a frequency adjustment of a synchronization circuit; and

setting a substitute program clock reference (PCR) value in the adaptation field to facilitate playback of the multimedia stream on the playback device in accordance with a desired trick mode.

2. (Original) The method according to claim 1 further comprising:

inserting an adaptation field associated with at least one video frame with which an adaptation field was not already associated.

3. (Original) The method according to claim 1 wherein said step of setting a substitute PCR value comprises setting the substitute PCR value to a value approximately equal to a presentation time stamp (PTS) of the video frame with which the adaptation field is associated.

4. (Original) The method according to claim 1 further comprising removing at least one video frame from the stream of multimedia content.

5. (Original) The method according to claim 4 further comprising removing at least one adaptation field associated with the removed video frame.

6. (Original) The method according to claim 1, further comprising delivering the modified stream of multimedia content to an MPEG receiver.

7. (Original) The method according to claim 6 wherein the MPEG receiver is an Advanced Television Systems Committee (ATSC) receiver.

8. (Currently amended) A system for modifying a stream of multimedia content to implement trick mode playback comprising:

      a processor which sets a discontinuity indicator in an adaptation field associated with a video frame to disable a frequency adjustment of a synchronization circuit and sets a substitute program clock reference (PCR) value in the adaptation field to facilitate playback of the multimedia stream in accordance with a desired trick mode,.

9. (Original) The system according to claim 8 wherein the processor further inserts an adaptation field associated with at least one video frame with which an adaptation field was not already associated.

10. (Original) The system according to claim 8 wherein the processor sets the substitute PCR value to a value approximately equal to a presentation time stamp (PTS) of the video frame with which the adaptation field is associated.

11. (Original) The system according to claim 8 wherein the processor removes at least one video frame from the stream of multimedia content.

12. (Original) The system according to claim 11 wherein the processor removes at least one adaptation field associated with the removed video frame.

13. (Original) The system according to claim 8 wherein the modified stream of multimedia content is delivered to an MPEG receiver.

14. (Original) The system according to claim 13 wherein the MPEG receiver is an Advanced Television Systems Committee (ATSC) receiver.